

International Workshop on Assistive Technology

Vitoria (Brazil), 18-20 February 2019
UFES's Theater

	02/18/2019	02/19/2019	02/20/2019
TIME	Mobility / Orientation and Horizontal Action	Communication and HMI	Manipulation
9:00-9:30	Registration and Open Session	Poster Session I	Poster Session III
9:30-10:30	Speaker I: Dr. Kim Adams (Canada)	Speaker II: Dr. Sridhar Krishnan (Canada)	Speaker III: Dr. Ricardo Carelli (Argentina)
10:30-11:00	Coffee-Break	Coffee-Break	Coffee-Break
11:00-12:00	Oral Presentation: Mobility I	Oral Presentation: Communication and HMI I	Oral Presentation: Manipulation I
12:00-13:00	Oral Presentation: Mobility II	Oral Presentation: Communication and HMI II	Oral Presentation: Manipulation II
13:30-14:30	Lunch	Lunch	Lunch
14:30-15:30	Speaker IV: Dr. Adriano Andrade (Brazil)	Speaker V: Dr. Eduardo Caicedo (Colombia)	Speaker VI: Dr. Eduardo Naves (Brazil)
15:30-16:30	Oral Presentation: Mobility III	Oral Presentation: Communication and HMI III	Oral Presentation: Manipulation III
16:30-17:00	Coffee-Break	Coffee-Break	Coffee-Break
17:00-18:00	Special Session: Research Project CAPES/PGTA - "Multimodal System for Remote Training in Virtual or Augmented Reality of Powered Wheelchair Users"	Special Session: Research Project CAPES/DFTADCanada: "Multimodal Data Processing for Neuromotor Disorder Analysis"	Closing Session
18:00-19:00	Special Session: Research Project CAPES/PROCAD - "Academic Cooperation in Automation System and Control for Assistive Technology"	Special Session: Research Project FAPES/PRONEM - "Neurofeedback: Application in Neuropsychiatric Disorders"	

Labpetro's Auditorium (Ph.D. Thesis Defense)

	02/18/2019	02/19/2019	02/20/2019
TIME	Ph.D. Thesis Defense ₁	Ph.D. Thesis Defense ₃	Ph.D. Thesis Defense ₅
11:00-13:30	Unobtrusive Technique Based on Infrared Thermal Imaging for Emotion Analysis in Children- With-ASD-Robot Interaction (Christiane Mara Goulart)	Development and Evaluation of Serious Games as Assistive Technology through Affordable-Access Multi Devices (Berthil Borges Longo)	Development of a Human-Machine Interface Based on Eye/Gaze Tracking to Control a Smart Home Using Internet of Things (Alexandre Luis Bissoli)
13:30-14:30	Lunch	Lunch	Lunch
TIME	Ph.D. Thesis Defense ₂	Ph.D. Thesis Defense ₄	Ph.D. Thesis Defense ₆
14:30-17:00	Caracterização Eletromiográfica da Fadiga Muscular em Marcha Hemiparética para Aplicação em Sistema Robótico de Reabilitação para Membro Inferior (Flávia Aparecida Loterio)	Avaliação de Usabilidade, Desempenho Ocupacional e Satisfação de Sistema de Controle de Ambiente Inteligente por Pessoas com Deficiência Motora Severa Através de Oculografia por Infravermelho (Mariana Midori Sime)	Avaliação no nível de atenção e imersão em ambiente de realidade virtual para reabilitação: uma abordagem baseada em EEG (Alexandre Pomer-Escher)

CT-VI's Auditorium (M.Sc. Thesis Defense)

	02/18/2019	02/19/2019	02/20/2019
TIME	M.Sc. Thesis Defense ₁	M.Sc. Thesis Defense ₃	M.Sc. Thesis Defense ₅
11:00-13:30	Desenvolvimento de um Sistema Remoto de Monitorização de Pressão Arterial Sistêmica Baseado em Fotopletismografia (Juan Fernando Urbina Leal)	Sistema de Realidade Virtual para Reabilitação Motora de Membros Superiores Baseado em Kinect V2 (Mariana Lyra Silveira)	
13:30-14:30	Lunch	Lunch	Lunch
TIME	M.Sc. Thesis Defense ₂	M.Sc. Thesis Defense ₄	M.Sc. Thesis Defense ₆
14:30-17:00	Sistema para Análise de Marcha combinada com Tarefa de Preensão baseada em Rede Heterogênea de Sensores (Letícia Munhoz Avellar)	Reabilitação Assistida por Neurofeedback e Realidade Virtual para Tratamento de Dependência Química (Wagner Dias Casagrande)	